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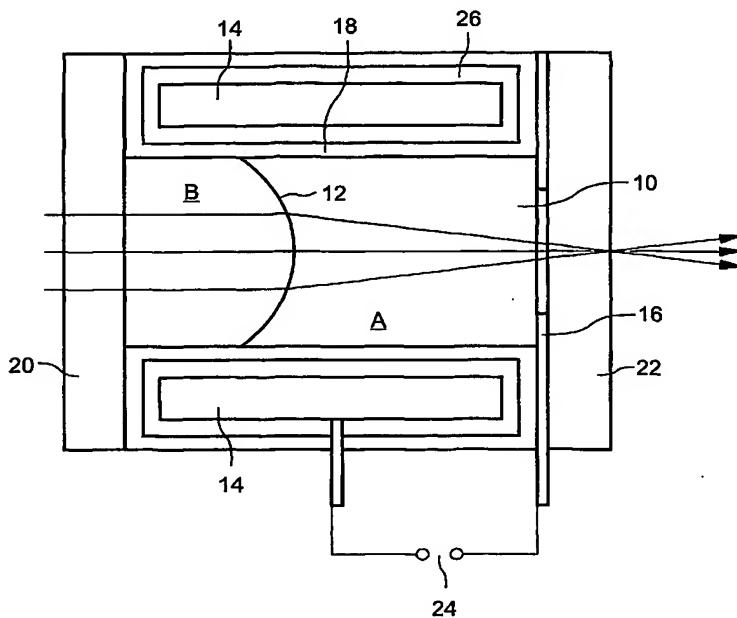
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(54) Title: VARIABLE FOCUS LENS



(57) Abstract: An achromatic electrowetting lens is provided. This is achieved by a particular choice of the parameters n_1 , n_2 , V_1 , and V_2 , wherein n is the refractive index and V is the Abbe number. By fulfilling the relations: Formula (I) an achromatization of the electrowetting lens is achieved.

$$0.75 < \frac{V_1(n_2 - 1)}{V_2(n_1 - 1)} < 1.25$$

(I)



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